

Former Plainwell Impoundment Time-Critical Removal Action Weekly Construction Update

Progress Report #17—September 3, 2007

Work Completed: August 23-29, 2007

- Completed construction of Staging Area 5S.
- Removed turbidity curtain from Removal Area 2B and installed turbidity curtain along a portion of Removal Area 4B.
- Began clearing and grubbing of Removal Areas 7 and 8.
- Continued installing steel sheeting for the Phase I cofferdam.
- Completed excavation of non-TSCA soil from Removal Areas 3B and 4B, and Upland Area 4B1.
- Solidified, loaded and transported excavated material to Allied Waste's C&C landfill in Marshall, Michigan (non-TSCA material). Continued solidifying soil at Staging Area 1N using a pug mill with cement. Continued staging soil at Staging Area 2S.
- On the north bank of the Kalamazoo River upstream of the Route 131 Bridge, continued site revegetation activities including finish grading and placing top soil.
- Began mobilizing equipment, personnel, and materials for seeding and placement of erosion control blanket.
- Continued surveying and confirmation sampling in Removal Areas 3B and 4B, and Upland Area 4B1.
- Continued turbidity monitoring of the Kalamazoo River to support removal activities.

Estimated Weekly Volume Hauled to TSCA and Non-TSCA Landfill Facilities				
Date	Estimated Quantity TSCA-material (cubic yards)	Number of Truck Loads TSCA-material	Estimated Quantity Non-TSCA material (cubic yards)	Number of Truck Loads Non-TSCA material
Weekly Total	0	0	980	28
Total to Date	1225	35	10,710	306

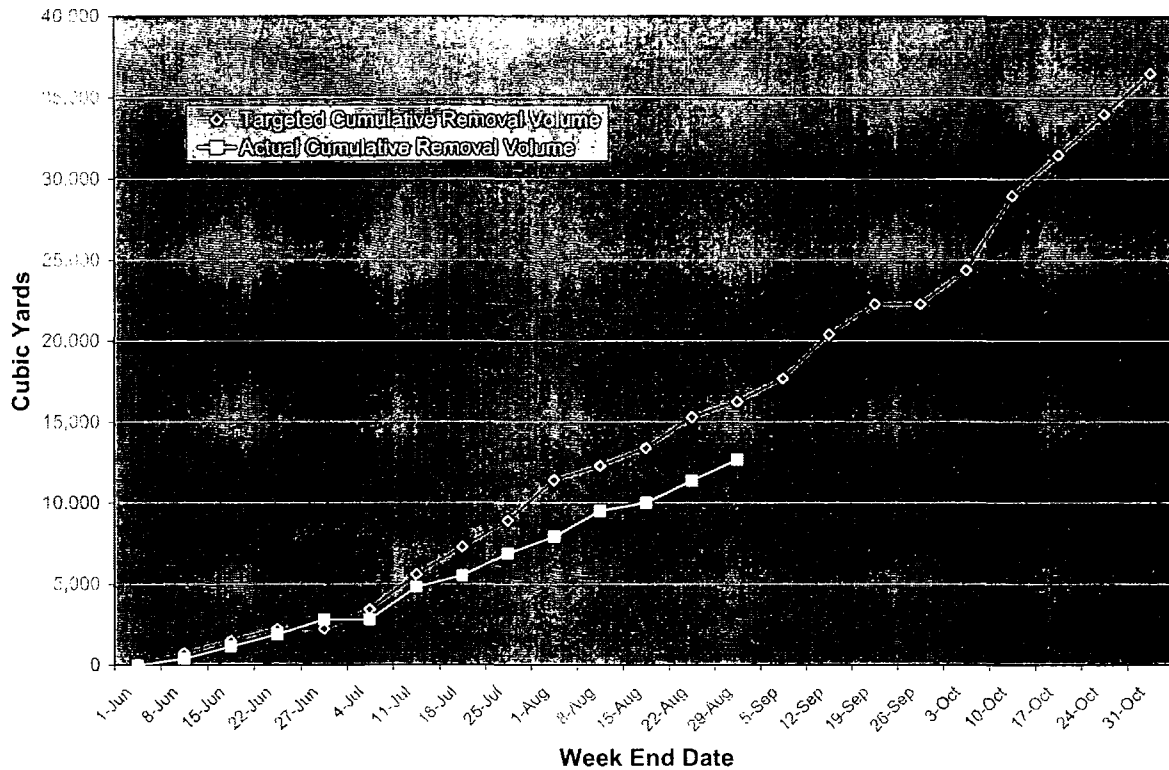
** All values are unofficial, estimated quantities, subject to revision/verification.



Work Planned: August 30-September 5, 2007

- Begin installing turbidity curtain at Islands 1 and 2 and Removal Area 6B.
- Begin developing access to Islands 1 and 2.
- Begin temporary access road construction along Removal Areas 6B, 7, and 8 (pending finalization of access agreement with Meijer).
- Continue installing steel sheeting for the construction of the Phase I cofferdam.
- Complete excavation of TSCA soil from Removal Area 3B.
- Continue loading and transporting solidified non-TSCA material from Staging Areas 1N and 2S to Allied Waste's C&C Landfill and EQ's Wayne Disposal in Detroit, MI. Continue solidifying soil with cement at Staging Area 1N using a pug mill. Continue staging and segregating soil at Staging Area 2S.
- Continue seeding and placing erosion control mats at Removal Areas 1, 2A, and 3A.
- Continue surveying and performing sampling and analysis of excavated portions of Removal Areas 3B and 4B, and Upland Area 4B1.
- Continue turbidity monitoring of the Kalamazoo River to support removal activities.

Removal Progress

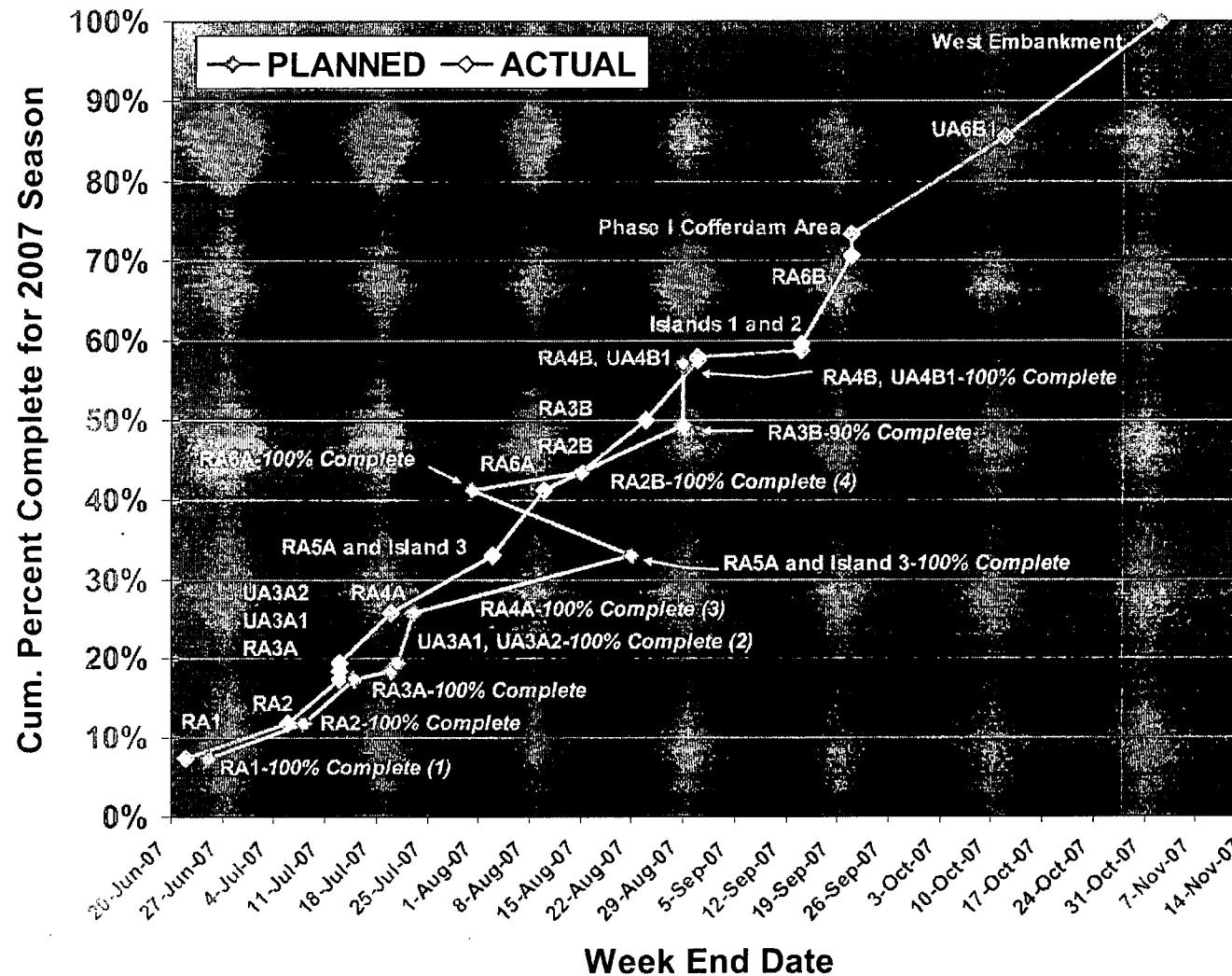


Notes

Targeted volumes are neat and subject to change due to additional excavation done at request of USEPA.

Actual volumes removed are below the targeted volumes potentially due to the conservative estimation methodology used to develop targeted figures and due to the actual topographic conditions encountered at the site, which could result in smaller volumes needing to be removed than originally estimated. The targeted volumes have been increased by 10% to account for additional material that could be removed as a result of over-excavation and additional removal in response to confirmation sampling. Soil/sediment removal activities are on schedule based on the ARCADIS BBLES 4/30/07 Plainwell TCRA Construction Schedule.

Removal Progress



Health & Safety Update

- Four Loss Prevention Observations (LPOs) were completed this week.
A total of 44 LPOs have been completed for the project to date.

Weather Summary

- No weather delays were encountered during this reporting period.

Environmental Monitoring and Construction Quality Assurance Testing

Resuspension/Turbidity Monitoring:

Testing Performed this Week? No ☐ Yes ☒
Exceedances? N/A ☐ No ☒ Yes ☐ If yes, explain:

Dewatering System Discharge Monitoring:

Discharge Flow: ~ 57,000 gallons
Testing Performed this Week? No ☐ Yes ☒
Exceedances? N/A ☐ No ☒ Yes ☐ If yes, explain:

Excavation Verification Sampling:

Testing Performed this Week? No ☐ Yes ☒ in Removal Area(s): 3B and 4B
Cleanup Standard Achieved? N/A ☐ Yes ☒ No ☐ If no, explain:

Issues Encountered/Solutions Advanced

- ARCADIS is currently examining potential revegetation alternatives for emergent areas along the north bank of the Kalamazoo River upstream of the Route 131 Bridge.

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Equipment on Site

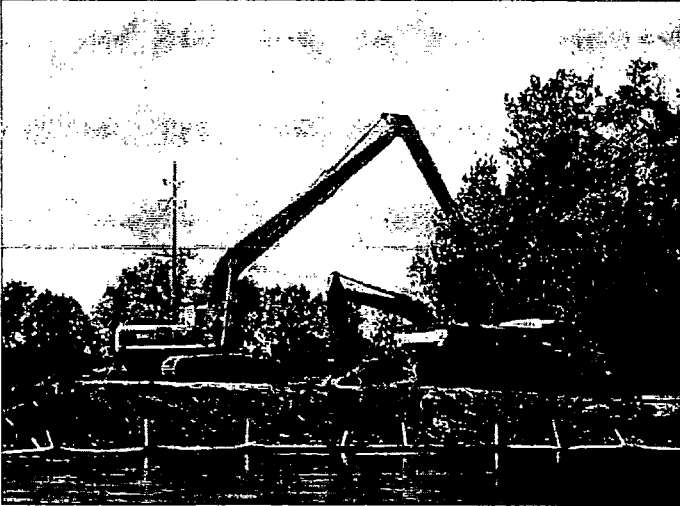
Equipment	8/23/07	8/24/07	8/25/07	8/26/07	8/27/07	8/28/07	8/29/07
Komatsu PC-300 Excavator	2	2	2	2	2	2	2
Hitachi 450 Excavator	1	1	1	1	1	1	1
Komatsu PC-300 HD Long Reach	1	1	1	1	1	1	1
Komatsu PC-200 Excavator	1	1	1	1	1	1	1
John Deere JD-50 Mini-Excavator	1	1	1	1	2	2	2
John Deere JD-450 Dozer	1	1	1	1	1	1	1
John Deere JD-700 Dozer	1	1	1	1	1	1	1
Komatsu D37 Dozer	1	1	1	1	1	1	1
Komatsu D61 Dozer	1	1	1	1	1	1	1
Vermeer Chipper	2	2	2	2	2	2	2
Komatsu D65 Dozer	1	1	1	1	1	1	1
Volvo P-180 Loader	1	1	1	1	1	1	1
Komatsu 380 loader	1	1	1	1	1	1	1
Vacuum Truck	1	1	1	1	0	0	0
CAT 328 Loader (King)	1	1	1	1	1	1	1
Terex RT 50-ton Crane	1	1	1	1	1	1	1
2,000 Gallon Water Truck	2	2	2	2	2	2	2
Komatsu 400 Articulating Dump Truck	3	3	3	3	3	3	3

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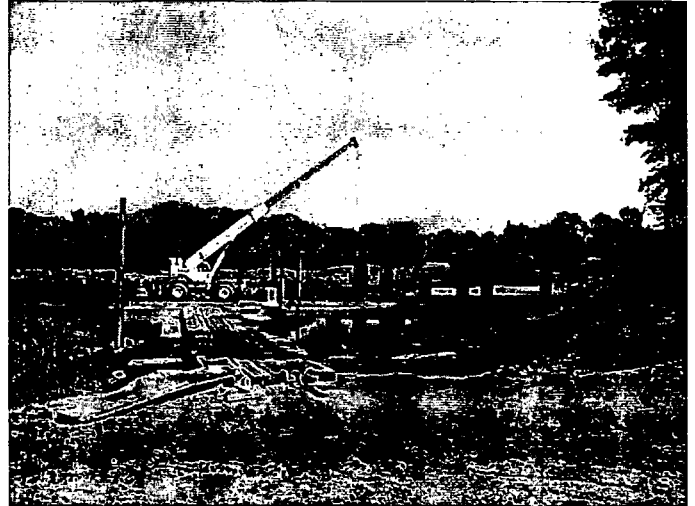
Personnel, Regulatory Staff, and Visitors on Site

Individual/Affiliation	8/23/07	8/24/07	8/25/07	8/26/07	8/27/07	8/28/07	8/29/07
Terra Contracting Staff	22	22	22		22	22	22
Sam Borries/USEPA OSC	X						
Mike Ribordy/USEPA OSC					X	X	X
Craig Thomas/USEPA OSC							
Paul Bucholtz/MDEQ	X						
John Bradley/MDEQ							
John Lerg/MDNR							
Jim Saric/USEPA							
Michael Berkoff/USEPA	X						
Weston Contractors	1	1					
Drew Santini/CDM							
Rick Difiore/ARCADIS BBLES							
Steve Garbaciak/ARCADIS BBL							
Doug Cowin/ARCADIS BBL	X						
Adam Chwalibog/ARCADIS BBL	X	X	X		X	X	X
Eric Hritsuk/ARCADIS BBL	X						
Rich Price/ARCADIS BBLES					X	X	X
Matt Bowman/ARCADIS BBLES						X	
EJ Suardini/ARCADIS BBLES	X	X			X	X	X
Mike Kohagen/ARCADIS BBLES	X	X	X		X	X	X
Ben Lawrence/ARCADIS BBLES					X	X	X
Michelle Rumler/ARCADIS BBL	X	X			X	X	X
Joe Willoughby/ARCADIS BBLES	X	X	X		X	X	X
Nick Harmer/ARCADIS BBL	X	X	X		X	X	X
<i>Other Subcontractors (Specify)</i>							
JFNew						2	4
King Construction (WCS/cofferdam)	4	4	4		4	4	4

Photos from Week #17



Loading and hauling soil/sediment.



*Installing template for sheet pile installation
for the Phase I cofferdam.*

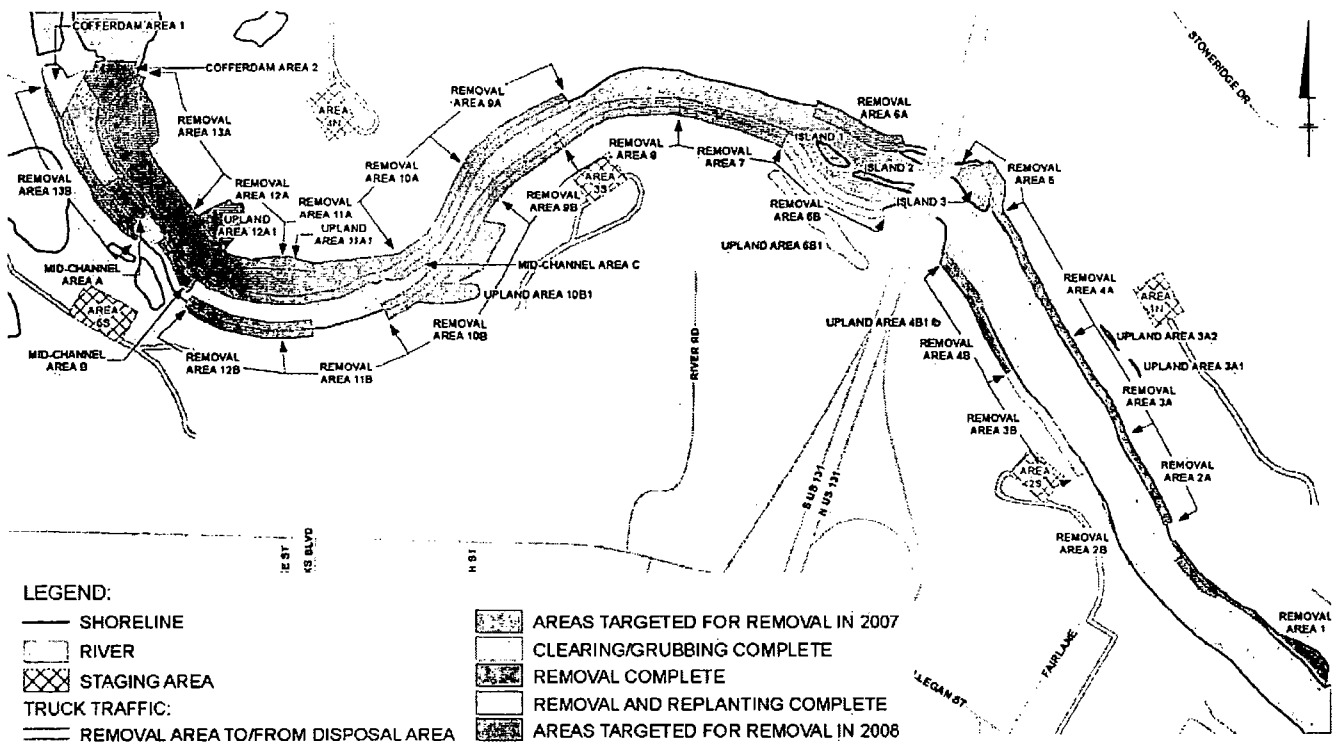


Performing dust control measures.



Chipping cleared vegetation at Removal Area 6B.

Targeted Removal Areas—Former Plainwell Impoundment



All dimensions and features represented on this map are approximate. Actual locations of access roads and staging areas and final boundaries of removal areas will be determined at the time of construction.